



LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 231

STOCK FEED
BRAN, SHORTS, CHOP FEED

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OTTAWA, February 2, 1912.

W. J. GERALD, Esq.,
Deputy Minister of Inland Revenue.

SIR,—I have the honour to submit herewith a report upon two hundred and ninety-eight (298) samples of feeding stuffs or stock feeds, purchased throughout the Dominion in April, May and June of last year. This is the first systematic inspection of these articles, made under the Commercial Feeding Stuffs Act of 1909.

It is to be observed that the Act in question classifies feeding stuffs as follows:—

I.—Those which may be sold without registration.

These are of two subclasses:—

1. Such as, from their nature, may be appraised as well or better by the buyer, than by the officials of this department. This subclass includes hay, straw, roots, wet brewers' grains.

2. Such as are sold under names specifically defining the article, and capable of exact standardization under section 26 of the Adulteration Act.

II.—Those which may only be sold when duly registered.

The present inspection has regard only to such feeds as fall under subclass 2, of class 1, and comprises bran, shorts or middlings and chop feeds.

These feeding stuffs are defined by an Order in Council, dated May 1, 1911 (published as Circular G. 968), as follows:—

24
FOOD.

G. 968.
AMENDING G. 962.
10,000.

DEPARTMENT OF INLAND REVENUE,
OTTAWA, May 3, 1911.

MEMORANDUM.

Under the authority of an Order of His Excellency in Council, bearing date the first day of May, instant, paragraphs 13, 14 and 15 of the Order in Council of the 29th October, 1910, establishing standards of quality for grain products, have been cancelled and the following substituted in lieu thereof:—

13. **BRAN** is a product of the milling of wheat or other grain, and contains not less than fourteen (14) per cent of proteids, not less than three (3) per cent of fat, not more than ten (10) per cent of crude fibre and must be free from vital seeds of any of the noxious weeds defined by the Governor in Council under 'The Seed Control Act.'

14. **SHORTS OR MIDDLES** is the coarser material sifted out from the products of a second treatment of the grain by crushing the coarsely ground material that is sifted out from the bran after the first grinding; and contains not less than fifteen (15) per cent of proteids, not less than four (4) per cent of fat, not more than eight (8) per cent of crude fibre and must be free from vital seeds of any of the noxious weeds defined by the Governor in Council under 'The Seed Control Act.'

15. **CHOP-FEED** is whole grain of one or more kinds more or less finely ground, and contains not less than ten (10) per cent of proteids not less than two (2) per cent of fat, not more than ten (10) per cent of crude fibre and must be free from vital seeds of any of the noxious weeds defined by the Governor in Council under 'The Seed Control Act.'

These amended standards will come into force on the seventh day of June proximo.

W. J. GERALD,
Deputy Minister.

Definitions of bran, shorts and chop feed were made legal by Order in Council of October 29, 1910, taking effect December 5, 1910. The above quoted Order in Council differs only from the earlier one in introducing the clause 'And must be free from vital seeds of any of the noxious weeds, defined by the Governor in Council under the Seed Control Act.'

While the Feeding Stuffs Act provides for the sale of bran, shorts and chop feeds without registration, it does not prevent the registration of these feeds by any manufacturer who chooses to take necessary steps to that end. Nothing sold without registration is legally recognized as bran, shorts or chop, which does not reach the minimum of value legally established for its species; but there is nothing to prevent a producer who knows his goods to be better or worse than the legal minimum, from registering such goods, and publishing with them a guarantee of stated values. In this case, however, the producer must hold himself responsible for the quality of such guaranteed feeds; and an article of bran (for example) which would be quite legal if offered simply as bran, may be judged as adulterated if it fail to meet a higher standard, set and guaranteed by the manufacturer.

The Feeding Stuffs Act of 1909 was based upon experience gained through repeated inspections of cattle feeds as found on our markets. The main facts of the case will be found recorded in Bulletins 118 (1906), 156 (1908), and 191 (1909). The standards fixed for the classes of feeds, now particularly under consideration, were consequent upon the study of 545 samples of bran, shorts and chop feed reported in Bulletin No. 191.

BRAN.

For this article the following minimum values are legalized:—

Fat—Not less than 3 per cent.

Proteids—Not less than 14 per cent.

Fibre—Not more than 10 per cent.

That these limits are reasonable is fully established by the result of the present inspection.

Seventy-seven (77) samples, out of a total of 78 samples purchased as bran, are found to be legally genuine as far as nutritive value goes, and their average values are as follows:—

	Per cent.
Fat.....	4.29
Proteids.....	15.17
Fibre.....	8.00

It will be noted that the Act (section 15) provides that 'A deficiency of one per cent of the protein or fat, or an excess of two per cent of fibre, shall not be considered as evidence of fraudulent intent, if the total value of the feeding stuff, in nutritive materials, is substantially equivalent to the guaranteed statement.'

One sample (No. 36946) is low in proteids as well as high in fibre, and must be regarded as adulterated under the Act.

Two samples of bran, 48418 and 40655 are contaminated with weed seeds.

SHORTS; MIDDLING.

These terms are considered as equivalent for the purpose of defining legal minimum values. These values are fixed by Order in Council as follows:—

Fat.....	4 per cent minimum.
Proteids.....	15 " " "
Fibre.....	8 " " maximum.

Seventy-three (73) samples of the present collection are sold as shorts, and sixty-eight (68) samples as middlings.

There seems to be much ambiguity among millers and dealers as to the application of these terms. This fact was pointed out in Bulletin No. 191. Table III. (pp. 42 to 46 of Bull. 191) exhibits a great range of values for 258 samples purchased as shorts or middlings in 1909; but the extremes of value do not indicate differences in the application of the terms such as would warrant shorts being defined separately from middlings.

Considering the whole 258 samples in question, the record is as follows:—

	Maximum.	Minimum.	Mean.
Moisture.....	13.56	6.45	10.54
Fat.....	6.88	0.95	4.04
Proteids.....	18.93	10.00	15.25
Crude fibre.....	12.15	0.22	5.63
Ash.....	5.74	0.88	3.63
Carbohydrates.....	74.18	51.04	60.55

When the samples sold as shorts in 1900 (150 in number) are considered by themselves, the results are as follows:—

	Fat.	Proteids.	Fibre.
Means.	4.93	15.63	5.88
Maxima.	6.53	18.93	11.90
Minima.	1.60	10.00	1.06

One hundred and six (106) samples sold as middlings in 1900, give the following results:—

	Fat.	Proteids.	Fibre.
Means.	3.67	14.77	4.96
Maxima.	6.88	18.00	12.15
Minima.	0.95	11.19	0.22

A considerable number of samples, which appear to answer a description of low grade flour, were found in the above collection; but these were supplied indiscriminately as shorts or middlings, as indicated by the maxima for fibre and for fat, though most of them were sold as middlings.

In order to discover whether the present collection indicates any accepted distinction between the terms, I have collated the results for 72 out of 73 samples sold as shorts, and for 54 out of 68 samples sold as middlings, being in each case the number of samples respectively, which meet the requirements of legal definition.

Seventy-two (72) samples of shorts give results as follows:—

SHORTS			
	Fat.	Proteids.	Fibre.
Means.	4.65	16.20	6.3
Maxima.	6.48	18.46	8.0
Minima.	3.44	14.00	3.9

Fifty-four (54) samples of middlings give the following results:—

	Fat.	Proteids.	Fibre.
Means.	4.47	15.95	5.2
Maxima.	6.26	18.02	8.1
Minima.	3.02	14.13	1.4

The results appear to justify the conclusion that the article sold as shorts is not substantially different from the article sold as middlings; and this conclusion is corroborated by the express opinion of many millers, in answer to questions by our inspectors. At the same time it is to be noted that samples characterized by very low fibre, low fat and a high starch content (indicating flour), are usually sold as middlings, rather than as shorts.

Examples of this are found in the following:—

Number.	Fat.	Proteids.	Fibre.	
46084	2.16	10.37	1.5	low in proteids and fibre.
36956	1.55	12.73	0.7	" fat and fibre.
43271	2.08	12.51	0.8	" "
43281	2.32	13.26	1.3	" "
47413	2.46	15.11	1.9	low in fat and fibre.
47414	3.11	12.56	1.8	" proteids and fibre.
38185	2.66	11.42	0.9	" " fat and fibre.
38189	2.02	12.03	0.5	" " "
47611	2.7	14.01	1.1	fat and fibre.
47618	—	13.04	0.8	" "
47621	—	12.86	1.0	" "

Feeds of this kind should be sold as feed-flour; or by some name which distinguishes them from legal shorts or middlings. While they possess considerable value for feeding purposes, they must be regarded as adulterated under the Act when offered as shorts or middlings. Their low fibre content is an advantage from the point of view of nutritive value, since this is replaced by starch in amount equivalent to the difference between the legal maximum for fibre (8 per cent) and the actual fibre present.

I am convinced that in none of the above listed samples is there any evidence of intended fraud. The irregularity is apparently due to ignorance of legal requirements for shorts (middlings), and a mistaken idea that a low grade flour is even better value, than middlings as usually understood. I feel justified in recommending that for this first inspection under the Feeding Stuffs Act, leniency be exercised towards the vendors, and their attention called, to the requirements of the Act.

The results for shorts and middlings are thus summarized:—

	Sold as	
	Shorts.	Middlings.
Comply with legal requirements	72	54
Misnamed (feed flour)	0	11
Passed, as close to limit value	1	2
Adulterated under the Act	0	1
Total	73	68
		141

None of the samples of this class have been found to contain vital weed seeds.

CHOP FEEDS

Seventy-eight (78) samples of the present collection are sold under this name. The legal standard for chop-feed is as follows:—

Fat	2 per cent	(minimum).
Proteids	19 "	"
Fibre	10 "	" (maximum).

Sixty-two (62) samples meet these requirements and are judged as genuine so far as nutritive value is concerned. Six other samples are so near to standard values that I have advised them to be passed, in view of the fact that this is the first inspection under the Act of 1909.

Six samples are so markedly below the standard values that they must be classed as adulterated under the Act.

These are the following:—

Number.	Deficiency in		Excess of Fibre.
	Fat.	Proteids.	
47517	0.41	5.49	17.0
47615		3.48	8.8
48426		2.95	11.6
43359	0.73	6.27	18.0
43295			8.6
38979	0.24	3.13	6.2

Four samples, which meet requirements as regards feeding value, are adulterated by containing vital weed seeds.

I have pleasure in acknowledging the courtesy of the Department of Agriculture in corroborating the presence of vital weed seeds in the following samples:—

Bran.	No. 40655—	160	seeds per lb.
	" 48418—	160	"
Chop feed	" 46620—	320	"
	" 46077—	2,464	"
	" 38978—	32	"
	" 40660—	4	"
	" 40670—	64	"

In applying the clause, 'And must be free from vital seeds of any of the noxious weeds, &c.', I have interpreted this to mean not more than five seeds per pound. There is a practical limit to the possibility of removing weed seeds from grain. In interpreting the Seed Control Act, it is, I believe, the accepted rule to allow one seed per pound, where the grain is used for seeding purposes. It seems reasonable to permit a larger limit of error when the grain is used for feeding purposes.

No. 48043 is a sample of cotton seed meal, which was obtained through an error. The brand is legally registered and meets the requirements of its guarantee.

The following is a synopsis of the results of this inspection:—

	Brn.	Shorts (Middlings.)	Chop.
Genuine.	74	126	62
Incorrectly named.	0	11	0
Passed as close to limit values.	1	3	6
Adulterated as below values.	1	1	6
as containing vital weed seeds.	2	0	4
	78	141	78
297 samples.			
Cotton seed meal.	1	"	
Total.	298	"	

I beg to recommend the publication of this report as Bulletin No. 231.

I have the honour to be, sir,

Your obedient servant,

A. MCGILL,
Chief Analyst.

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
					Quantity.	Cents.	

DISTRICT OF NOVA SCOTIA—

1911.							
May 10	Stock Feeds.	46601	I. B. Shaffner & Co., Halifax, N.S.	5 lbs.	Nil.	Peterboro Cereal Co., Peterboro, Ont.	Manufacturers.
" 11	" "	46602	B. O. Bishop, Dartmouth, N.S.	5 "	6	Ogilvie Milling Co., Montreal.	Wentzell's, Ltd., Halifax, N.S.
" 11	" "	46603	Wentzell's, Ltd., Halifax, N.S.	5 "	5	"	Manufacturers.
" 12	" "	46604	J. S. Cashen & Sons, Halifax, N.S.	5 "	10	Campbell Milling Co., Toronto.	" "
" 19	" "	46605	C. B. McMullen, Truro, N.S.	5 "	N	Wolverton Milling Co., Wolverton, Ont.	" "
" 12	" "	46606	J. S. Cashen & Son, Halifax, N.S.	5 "	10	Campbell Milling Co., Toronto.	" Shorts.
" 18	" "	46607	F. A. Shaw, Halifax, N.S.	5 "	7	"	F. W. Fraser, Halifax, N.S.
" 18	" "	46608	F. W. Fraser, Halifax, N.S.	5 "	7	"	Manufacturers.
" 18	" "	46609	S. C. Thompson, Halifax, N.S.	5 "	7	"	W. Muir & Son, Halifax.
" 22	" "	46610	A. & W. Smith & Co., Halifax, N.S.	5 "	Nil.	Quaker Oats Co., Peterboro, Ont.	Manufacturers.
" 11	" "	46611	I. B. Shaffner & Co., Halifax, N.S.	5 "	"	Canada Flour Mills Co., St. Catharines.	" Middlings.
" 11	" "	46612	Nova Scotia Milling Co., Dartmouth, N.S.	5 "	"	Canada Cereal Co., Toronto.	" "
" 11	" "	46613	Wentzell's, Ltd., Dartmouth, N.S.	5 "	5	Jno. Campbell Co., St. Thomas, Ont.	" "
" 19	" "	46614	C. B. McMullen, Truro, N.S.	5 "	Nil.	Wolverton Milling Co., Wolverton, Ont.	" "
" 22	" "	46615	H. W. Brown, Halifax, N.S.	5 "	8	Unknown. . .	J. A. Farquhar & Co., Halifax.
" 11	" "	46616	Nova Scotia Milling Co., Dartmouth, N.S.	5 "	Nil.	G. Carter & Son, St. Mary's, Ont.	Manufacturers.
" 11	" "	46617	A. Gunn & Co., Halifax, N.S.	5 "	"	Vendors	O. & B. Chops.
" 16	" "	46618	S. L. Cross, Kentville, N.S.	5 "	"	Ogilvie Milling Co., Montreal.	Manufacturers.
" 16	" "	46619	R. E. Harris & Son, Wolfville, N.S.	5 "	"	"	Wheat moulee.
" 17	" "	46620	Shand Bros., Windsor, N.S.	5 "	"	Tillson's, Tillsonburg, Ont.	"
							B. O. C. Crushed Grain.

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
	Indirect.	Direct.							

R. J. WAUGH, INSPECTOR.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
			4·43		15·01	9·6	Bran tissues, no weeds.	46601	Genuine.
			4·79		15·49	9·2	"	46602	"
			4·59		16·76	7·8	"	46603	"
			4·61		16·10	8·0	"	46604	"
			4·33		11·52	8·7	"	46605	"
			4·52		17·59	7·4	As claimed, no weeds.	46606	"
			4·92		16·80	7·3	"	46607	"
			5·08		14·83	7·9	"	46608	"
			4·08		16·06	7·2	As claimed, no weed seeds.	47609	"
			4·92		17·76	7·4	"	46610	"
			4·08		16·49	6·4	"	46611	"
			3·84		15·14	5·2	"	46612	"
			4·08		15·40	6·0	"	46613	"
			4·80		15·92	6·3	"	46614	"
			4·08		14·96	5·1	"	46615	"
			2·78		12·25	6·5	"	46616	"
			4·10		9·63	4·2	"	46617	"
			4·42		15·22	5·0	"	46618	"
			4·10		15·22	3·7	"	46619	"
			3·54		10·89	4·7	Weed seeds.	46620	Adulterated with weed seeds, 320 seeds per lb.

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
					Quantity.	Cents.	

DISTRICT OF PRINCE EDWARD ISLAND

1911.

May 12	Stock Feeds	46066	P. E. I. Hay & 5 lbs. Nil. Ogilvier, Mont.	.....	Bran	real.	
15		46067	A. Horne & Co., 5 lbs. Ch'town, P.E.I.	.....	Canadian	real & Milling	
						Co., Toronto.	
23		46068	Frank Gates, 5 lbs. Ch'town Royalty west, P. E.I.	.....	Gates Mills,	Ch'town Royalty west, P. E.I.	
23		46069	John Andrews, 5 lbs. Ch'town Royalty west, P. E.I.	.....	Andrews Mills,	Ch'town Royalty east, P. E.I.	
26		46070	E. L. McNutt 5 lbs.	10	A. Horne & Co., Charlottetown, P.E.I.	Chop Feed	
12		46076	P. E. I. Hay & 5 lbs. Nil. Quaker Oats Produce Co., Ch'town, P.E.I.	.....	The Campbell Milling Co., W. Toronto.		
12		46077	A. Horne & Co., 5 lbs. Ch'town, P.E.I.	.....	Atlantic Milling Co., Picton, N.S.		
15		46078	A. Horne & Co., 5 lbs. Ch'town, P.E.I.	.....	Quaker Oats Co., Peterborough.		(Schmucker).
15		46079	Auld Bros., Ch'town, P.E.I.	.....	The Tillson Co., Tillsonburg.	Chop Feed.	
12		46080	P. E. I. Hay & 5 lbs. Ch'town, P.E.I.	.....	T. H. Taylor Mfg. Co., Chatham, Ont.	Middlings.	
15		46081	P. E. I. Hay & 5 lbs. Ch'town, P.E.I.	.....	The Campbell Milling Co., Toronto.		
23		46082	A. Horne & Co., 5 lbs. Ch'town, P.E.I.	.....	Gates Mills, Ch'town Royalty west, P. E.I.		
23		46083	Frank Gates, 5 lbs. Ch'town Royalty west, P. E.I.	.....	Andrews Mills, Ch'town Royalty east, P. E.I.		
26		46084	John Andrews, 5 lbs. Ch'town Royalty east, P. E.I.	.....	The Woodburn Milling Co., Glencoe, Ont.		
		46085	R. E. Mutch & 5 lbs. Ch'town, P.E.I.	.....		

STOCK FEEDS.

No.	Claim.	Results of Analysis.						No. of Sample.	Remarks and opinion of the Chief Analyst.
		Fat.		Proteids.		Crude Fibre.			
		Indirect.	Direct.	Indirect.	Direct.	Indirect.	Direct.		
46066	46066	4.44	17.06	7.4	As claimed, no seeds	46066	Genuine.		
46067	46067	4.10	12.96	8.4					
46068	46068	4.36	14.31	6.1					
46069	46069	4.24	13.78	6.8					
46070	46070	3.52	14.48	8.4					
46076	46076	2.70	9.55	6.6					
46077	46077	3.76	11.46	8.0	Weed seeds,				Adulterated with weed seeds, 2,464 seeds per lb.
46078	46078	2.22	9.65	1.8	As claimed, no seeds				Genuine.
46079	46079	4.00	10.50	10.50	2.60	10.56	9.2		
46080	46080	5.04	15.44	16.4					Excess fibre, high in fat and proteids. Pass.
46081	46081	4.06	15.09	7.6	As claimed, no weed seeds.				Genuine.
46082	46082	4.46	14.92	7.1					
46083	46083	3.30	13.60	2.4					Below standard in proteids. Pass.
46084	46084	2.16	11.20	1.5	Flour, no weed seeds				Low in fat and in proteids. Should be sold as feed flour.
46085	46085	4.13	14.70	5.1	As claimed, no weed seeds.				Genuine.

WM. A. WEEKS, INSPECTOR.

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report (Is not an expression of opinion.)
				Quantity.	cents.		

DISTRICT OF NEW BRUNSWICK—

1911.

May 11	Stock Feeds.	45499	C. H. Peters, 5 lbs. Sons, Ltd., St. John, N.B.	10	The Quaker Oats Co., Peterboro, Ont.	Bran.
" 11	"	45500	L. C. Prime, St. J. hn, N.B.	10	Cereal & Milling Co., Ltd.	"
" 16	"	45501	John McKnight, 5 Fredericton, N.B.	10	Campbell Milling Co., Toronto, Ont.	" (Bull Rush Brand.)
" 25	"	45502	A. F. Randolph 5 & Sons, Chat-ham, N.B.	15	Ogilvie Milling Co., Montreal	Bran, Ogilvie (C.)
" 25	"	45503	J. B. Snowball 5 Co., Ltd., Chat-ham, N.B.	10	S. J. Cherry, Preston, Ont.	Bran Cherry's.
" 16	"	45504	G. T. Whelpley 5 Estate, Fredericton, N.B.	15	Western Canada Flour Mills Co., Ltd., Winnipeg.	Shorts, (Registration No. 68.)
" 16	"	45505	F. H. Everett, 5 Fredericton, N.B.	10	Maple Leaf Milling Co., Toronto.	Shorts.
" 23	"	45506	J. H. Steeves, 5 Moncton, N.B.	15	Ogilvie Flour Mills, Montreal.	"
" 23	"	45507	Reed Co., Ltd., 5 Moncton, N.B.	15	Western Flour Mills Co., Ltd.	Middlings, (Reynold No. 64, Analysis on bags.)
" 25	"	45508	Jno. McLaggan, 5 Chatham, N.B.	15	The Jno. Campbell Co., Ltd., St. Thomas, Ont.	Middlings, (Campbell's.)
" 2	"	45509	James Collins, 5 St. John, N.B.	10	Lake of the Woods Milling Co., Montreal.	Middlings.
" 11	"	45510	C. H. Peters 5 Sons, St. John, N.B.	10	The Quaker Oats Co., Peterboro, Ont.	"
" 11	"	45511	J. Harrison & 5 Co., St. John, N.B.	Nil.	Maple Leaf Flour Milling Co., Toronto.	"
" 19	"	45512	J. W. McPhail, 5 Perth, N.B.	15	The Ogilvie Flour Mills Co., Ltd., Montreal.	(Ogilvie's)
" 23	"	45513	Toombs & Son, 5 Moncton, N.B.	15	Canadian Cereal & Milling Co., Ltd., Toronto.	Middlings, (Tillsons Choice.)
" 2	"	45514	L. C. Prime & 5 Co., St. John, N.B.	10	The Quaker Oats Co., Peterboro, Ont.	Chop Feed, (Banner Brand.)

STOCK FEEDS.

Claim.	Results of Analysis.				
Fat.	Proteids.	Fat.	Proteids.	Microscopic Examination.	Remarks and opinion of the Chief Analyst.
Crude Fibre.	Indirect.	Direct.	Crude Fibre.		No. of Sample.

JNO. C. FERGUSON, INSPECTOR.

p. c.	p. c.	p. c.	p. o.	p. c.	p. c.	p. c.			
				4.46	15.75	8.5	As claimed, no weed seeds.	45499	Genuine.
				4.34	14.00	9.6	"	45500	"
				4.40	14.48	8.6	"	45501	"
				4.26	16.58	7.9	"	45502	"
				4.20	15.40	8.1	"	45503	"
4.30	-16.73	-5.20	8.94	15.22	4.2	"	"	45504	"
				4.12	15.09	5.5	"	45505	"
				4.32	16.34	6.3	"	45506	"
-6.04	-15.36	-7.51	5.74	17.02	5.6	"	"	45507	Genuine; meets requirements of claim.
				4.36	14.87	4.8	"	45508	Genuine.
				3.12	17.19	4.8	"	45509	"
				4.72	14.92	8.1	"	45510	"
				4.58	15.84	6.6	"	45511	"
				3.94	16.10	5.2	"	45512	"
				5.00	17.85	5.7	"	45513	"
-3.50	-8.50	-9.00	3.26	9.35	6.6	"	"	45514	"

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
					Quantity.	Cents.	

DISTRICT OF NEW BRUNSWICK

1911.

May 16	Stock Feeds.	45515	Jno. Gibson & Son, Fredericton, N.B.	Nil.	The Campbell Milling Co., Ltd., West Toronto.	Chop Feed, (General Feeds, Steam Rolled)
17		45516	J. M. Fripp, 5 Woodstock, N.B.	10	Meduxnakeag Roller Mills, Woodstock, N.B.	Chop Feed.
19		45517	J. W. McPhail, 5 Perth, N.B.	15	The Ogilvie Flour Mills Co., Ltd., Montreal.	Chop Feed, (Ogilvie's Puritan Feed), Registered No. 107 Puritan.
22		45518	W. B. McKay & Co., Ltd., Sussex, N.B.	15	"	Chop Feed, (Ogilvie's Hercules), Pure corn, oats and barley feed, Regd.
25		45519	J. B. Snowball 5 Co., Ltd., Chatham, N.B.	10	S. J. Cherry, Preston, Ont.	Shorts.

DISTRICT OF QUEBEC

May 9	Stock Feeds.	36946	Pierre Renaud, 5 lbs. 597 rue St. Valier, Quebec	15	Unknown, Unknown, Bran.	....
10		36947	Napoleon Bertrand, 685 rue St. Valier, Quebec	10	Alexander Manuf. Brown, Toronto.	....
12		36948	W. Carrier & fils 5 108 rue Dalhousie, Quebec	Nil.	Ogilvie Flour Manufacturers.	....
15		36949	P. G. Busiere & 5 Cie, 89 rue Dalhousie, Quebec	10	Lake of the Woods.	....
17		36950	D. E. Drolet, 52 5 rue Dalhousie, Quebec	10	Ogilvie Flour Mills.	....
10		36951	Nap. Renaud, 5 685 rue St. Valier, Quebec	15	Alex. Brown, Manuf. Toronto.	Shorts.
15		36952	P. G. Busiere & 5 Cie, 89 rue Dalhousie, Quebec	10	Nil. Ogilvie Flour Manufacturers.	....
15		36953	W. Carrier & fils 5 108 rue Dalhousie, Quebec	10	"	....
17		36954	Désiré E. Drolet, 5 52 rue Dalhousie, Quebec	10	West'n Canada Flour Mills.	....
17		36955	E. M. Lennon, 5 St. James st., Quebec	10	"	....
9		36956	Pierre Renaud, 5 597 rue St. Valier, Quebec	15	Unknown, Unknown, Middlings.	....

STOCK FEEDS.

Fat.	Claim.		Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.	
	Proteids.	Crude Fibre.	Indirect.	Fat.	Proteids.	Crude Fibre.				
Indirect.	Direct.	Proteids.	Crude Fibre.	Indirect.	Direct.	Proteids.	Crude Fibre.	Indirect.	Direct.	

JNO. C. FERGUSON, INSPECTOR—Concluded.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
				2.60	16.93	4.7	As claimed, no weed seeds.	45515	Genuine.
				3.08	11.90	7.3	"	45516	"
4.00	9.50	6.50	2.88	10.05	8.4	"	"	45517	"
				3.00	10.37	9.	"	45518	"
				4.68	15.31	5.2	"	45519	"

F. X. W. E. BELAND, INSPECTOR.

.....	3.56	12.90	15.1	As claimed, no seeds.	36946	Low in proteids, high in fibre. Adulterated under the Act.
.....	4.15	13.78	8.5	As claimed, no weed seeds.	36947	Genuine.
.....	4.87	14.96	7.1	"	36948	"
.....	4.51	15.62	8.9	"	36949	"
.....	4.50	16.71	7.2	"	36950	"
.....	4.08	14.61	7.7	As claimed, no weeds.	36951	"
.....	3.80	17.02	6.5	"	36952	"
.....	4.56	17.19	6.1	As claimed, no weed seeds.	36953	"
.....	3.44	14.22	2.8	"	36954	"
.....	4.12	17.85	6.7	"	36955	"
.....	1.55	12.73	0.7	Floury, no weed seeds.	36956	Low in fat and in proteids. Should be sold as feed-flour.

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF QUÉBEC—

1. 11.

May 10	Stock Feeds.	36957	Nap. Bertrand, 5 lbs., 685 rue St. Va- lier, Quebec.	15	Alex. Brown Co., Toronto.	Manufacturer.	Middlings
— 12	—	36958	W. Carrier & fils 5 lbs., 108 rue Dal- housie, Quebec.	Nil.	Quaker Oats Co., Peter- boro.	Manufacturers.	Chop Feed
— 17	—	36959	Désiré E. Drolet, 5 lbs., 52 rue Dal- housie, Quebec.	Nil.	Lake of the Woods.	"	Middlings
— 17	—	36960	E. M. Lennon, 5 lbs., St. James st., Quebec.	Nil.	Maple Leaf Milling Co.	"	"
— 9	—	36961	Pierre Renaud, 5 lbs., 697 rue St. Va- lier, Quebec.	15	Unknown	Unknown	Chop Feed
— 10	—	36962	Nap. Bertrand, 5 lbs., 685 rue St. Va- lier, Quebec.	15	R. C. Muir, Quebec.	Manufacturer.	"
— 12	—	36963	W. Carrier & fils 5 lbs., 108 rue Dal- housie, Quebec.	Nil.	Ogilvie Flour Mills.	Manufacturers.	"
— 15	—	36964	P. G. Bustere & 5 Cie, 89 rue Dal- housie, Quebec.	Nil.	Lake of the Woods.	"	"
— 17	—	36965	Désiré E. Drolet, 5 lbs., 52 rue Dal- housie, Quebec.	Nil.	Ogilvie Flour Mills.	"	"

DISTRICT OF ST. HYACINTHE—

May 9	Stock Feeds.	38960	M. K. McKen- zie, Richmond, P. Q.	3 lbs.	Nil.	Ogilvies	Bran
— 10	—	38961	J. L. Legendre, 4 lbs., Asbestos.	Nil.	—	—	—
— 17	—	38962	Henri Hebert, 3 lbs., St. Leonard Junction.	Nil.	Saskatoon Mill- ing Co., Ltd., Saskatoon.	—	—
— 17	—	38963	Albert Duguay, 3 lbs., St. Gregorie de Nicolet.	Nil.	Western Can- ada Flour- mills Co.	—	—
— 22	—	38964	Oct. Beauchamp, 3 lbs., St. Simon de Bagot.	Nil.	Ogilvies	—	—
— 9	—	38965	McKee Bros., 5 lbs., Richmond, P. Q.	Nil.	Western Can- ada Flour- mills Co.	Shorts	—
— 9	—	38966	A. Milette, 5 lbs., Windsor Mills.	Nil.	Tavistock Mill- ing Co., Tav- istock, Ont.	—	—
— 10	—	38967	J. L. Legendre, 5 lbs., Asbestos.	Nil.	Ogilvies	—	—
— 22	—	38968	Oct. Beauchamp, 3 lbs., St. Simon de Bagot.	Nil.	—	—	—

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	Remarks and opinion of the Chief Analyst.	No. of Sample.
Fat.	Proteids.	Crude Fibres.	Fat.	Proteids.	Crude Fibres.				
Indirect.	Direct.								
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.				
			4.28	14.35	4.3 As claimed, no weed seeds.	36967	Genuine.		
			5.83	13.17	6.6 "	36968	"		
			4.00	17.46	7.8 As claimed, no seeds.	36969	"		
			4.24	16.10	5.2 As claimed, no weed seeds.	36970	"		
			3.26	12.16	9.5 "	36961	"		
			2.86	9.16	6.9 "	36962	"		
			2.90	10.81	9.9 "	36963	"		
			2.06	10.59	12.2 Oat hulls, no weed seeds.	36964	Fibre high. Pass.		
			4.26	9.76	7.5 As claimed, no seeds.	36965	Genuine.		

J. C. ROULEAU, INSPECTOR.

	4.79	16.62	7.7 As claimed, no weed seeds.	38966	Genuine.
	4.69	16.97	7.4 "	38961	"
	4.57	17.32	6.6 "	38962	"
	4.63	15.44	7.9 "	38963	"
	4.73	17.10	7.7 "	38964	"
	4.56	17.59	5.5 "	38965	"
	4.59	16.67	7.0 "	38966	"
	4.00	15.01	7.5 "	38967	"
	4.14	16.36	6.9 "	38968	"

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cent.	Manufacturer.	Furnisher.	

DISTRICT OF ST. HYACINTHE—

1911.

May 22	Stock Feeds.	38969	A. Lefebvre, St. Simon de Ba- gob.	5 lbs. Nil.	Lake of Woods,	the J. M. Polar- dy, St. Hy- acinthe.	Shorts.....	
" 9		38970	M. K. McKenzie, Richmond, P. Q.	3 "	Renfrew Roller Mills Co., Ltd., Ren- frew, Ont.		Middlings.....	
" 9		38971	A. Milette, Windsor Mills	5 "	Seaforth Milling Co., Sea- forth, Ont.			
" 10		38972	J. L. Legendre, 5 Asbestos.	5 "	Ogilvie Milling Co., Montreal			
" 11		38973	L. O. Pepin & 4 fils, Victoria- ville.	4 "	Lake of the Woods Milling Co., Mon- treal.			
" 30		38974	C. O. Genest & 4 fils, Sherbrooke	4 "	" " "		Special middlings....	
" 9		38975	McKee Bros., 4 Richmond, P. Q.	4 "	Quaker Oats Co., Peter- boro, Ont.		Chop Feed. (Reg. No. 13).	
" 9		38976	R. & N. Robitaille frères, Windsor Mills	4 "	" " "		Chop Feed.	
" 10		38977	Vilandre & frères, 3 Danville.	3 "	7 Lake of the Woods Milling Co., Mon- treal.		Wheat chop.....	
" 18		38978	J. Comteau, Ni 31 colet.	3 "	7 Ogilvie Milling Co., Montreal		Eureka chop. (Reg. No. 28).	
" 18		38979	Alb. Duguay, St. 4 Grigoriev & Ni- colet.	4 Nil.	Western Can- ada Flour- mills, Co.		Moulee, K.....	

DISTRICT OF MONTREAL—

May 3	Stock Feeds.	40651	Bruneau, Currie & Co. Place Youville, Mon- treal.	5 lbs. Nil.				Bran.
" 3		40652	Jas. Scott & Co. Ltd., St. James, St. Montreal.	"	Lake of the Woods Milling Co. Ltd.			
" 5		40653	W. T. Hogg, Notre Dame East, Montreal	5 "	Maple Leaf Milling Co. Ltd.			
" 8		40654	Ogilvie Flour Mills Co. Ltd., Montreal.	Nil.	Vendors			
" 11		40655	Lake of the Woods Milling Co. Ltd., Mon- treal.	"	"			

STOCK FEEDS.

Claim.			Results of Analysis.						Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Indirect.	Direct.	Proteids.	Crude Fibre.					

J. C. ROULEAU, INSPECTOR--Concluded.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	As claim	td	Sample	
				5.00	17.94	5.7	As claim seeds.			
				4.24	16.14	6.4				
				3.67	15.00	7.7				
				4.40	15.88	6.1				
				4.88	17.28	5.3				
				4.71	17.94	3.9				
4.00	10.50	10.50	2.84		9.76	8.2				Elephant Pass.
				3.20	11.20	7.7				
				3.98	16.93	3.7				
5.00	11.31	8.63	3.28		12.90	10.0	As claimed, w/ 32 seeds per			Same as chop, but below in fat. Adulterated with weed seeds.
				1.76	6.87	19.2	Excess hulls.			in fat and proteids, high in fibre. Adulter- ated.

J. J. COSTIGAN, INSPECTOR.

	4.00	...	13.13	9.2	As claimed, no seeds	40631	Gent.	
	4.26	...	15.27	7.7		40632	"	
	4.74	...	14.31	7.4	"	40633	"	
	4.74	...	16.97	6.9	"	40634	"	
	4.20	...	15.71	7.7	Weed seeds.	40635	Adulterated with weed seeds, 160 seeds per pound.	

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	

DISTRICT OF MONTREAL--

1911

May 3	Stock Feeds.	40656	Bruneau, Currie & Co., Place Youville, Montreal.	5 lbs	Nil.	.....	Shorts...
" 5	"	40657	W. L. Hogg, Notre Dame East, Montreal	"	5	.....	"
" 8	"	40658	Ogilvie Flour Mills Co., Ltd., Montreal.	"	Nil. Vendors	.....	"
" 11	"	40659	Lake of the Woods Milling Co. Ltd., Montreal.	"	"	.....	"
" 11	"	40660	B. Vaillancourt, 1196 St. Lawrence B., Montreal.	"	"	J. N. Coupland, Plantagenet Springs.	"
" 3	"	40661	Bruneau, Currie & Co., Place Youville, Montreal.	"	"	Western Canada Milling Co., Brandon	Middling.
" 3	"	40662	Jas. Scott & Co. Ltd., St. James St., Montreal.	"	"	Lake of the Woods Milling Co. Ltd.	"
" 5	"	40663	W. L. Hogg, Notre Dame East, Montreal	"	5	Campbell Milling Co. Ltd., Toronto.	"
" 8	"	40664	Ogilvie Flour Mills Co., Ltd., Montreal.	"	Nil. Vendors	.....	"
" 11	"	40665	Lake of the Woods Milling Co. Ltd., Montreal.	"	"	.....	"
" 3	"	40666	Bruneau, Currie & Co., Place Youville, Montreal.	"	"	McDonald and Robb, Valleyfield, P.Q.	Chop Feed
" 3	"	40667	Jas. Scott & Co. Ltd., St. James St., Montreal.	"	"	Bishop & Son, Chrysler, Ont.	"
" 5	"	40668	W. L. Hogg, Notre Dame East, Montreal	"	10	Vendor.	"
" 8	"	40669	Ogilvie Flour Mills Co. Ltd., Montreal.	"	Nil.	.....	Chop Feed (Champion Brand.)
" 11	"	40670	Lake of the Woods Milling Co. Ltd., Montreal.	"	"	.....	Chop Feed (Ox meal Brand.)

STOCK FEEDS.

J. J. COSTIGAN, INSPECTOR - *Concluded.*

p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
86	...	15.75	6.8	As claimed, no weed seeds.	40656	Genuine.	
		5.30	15.53	6.9	"	"	40657
		4.80	16.71	6.7	"	"	40658
		6.48	17.10	6.9	"	"	40659
		4.74	15.18	3.9	"	"	40660
		4.22	15.92	2.3	"	"	40661
		4.90	16.71	7.9	"	"	40662
		6.26	16.10	6.2	"	"	40663
		5.02	15.18	5.6	"	"	40664
		5.44	16.58	4.6	"	"	40665
		3.56	15.53	7.6	"	"	40666
		2.60	11.16	7.8	"	"	40667
		3.20	11.16	9.45	5.6	"	40668
812	6.85	2.50	9.36	8.0 Some seeds	40669	4 seeds per lb. Pass.	
				15.71	3.6	"	40670 64 seeds per lb. Adulterated.

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (As not an expression of opinion.)
				Cost.	Quantity.	
					Cents.	

DISTRICT OF OTTAWA—

1911.

May	2	Stock Feeds.	43258 Wm. Scott & Co., Deschenes, P.Q.	5 lbs.	7	Vendors... Bran...
~	3	~	43259 The Dowd Milling Co., Ltd., Pakenham.	5	7	~
~	4	~	43260 The Dowd Milling Co., Quyon.	5	7	~
~	9	~	43261 The Woods Mill Co., Smith Falls.	5	Nil	~
~	1	~	43262 Western Canada Flour Mills Co., Ltd., Ottawa.	5	7	Shorts Reg. No. 63, guaranteed analysis. Protein 18.38, Fat 6.02, Fibre 7.99.
~	1	~	43263 The Maple Leaf Milling Co., Ltd., Ottawa.	5	7	Shorts.
~	1	~	43266 Wm. Scott & Co., Deschenes, P.Q.	5	7	~
~	1	~	43268 Western Canada Flour Mills Co., Ltd., Ottawa.	5	7	Middlings "Choice" Brand, guaranteed analysis. Protein 16.73, Fat. 4.33, Fibre 5.20.
~	1	~	43269 The Maple Leaf Milling Co., Ltd., Ottawa.	5	7	Middlings.
~	2	~	43270 Wm. Scott & Co., Deschenes, P.Q.	5	7	~
~	3	~	43271 The Dowd Milling Co., Ltd., Pakenham.	5	7	~
~	2	~	43274 Wm. Scott & Co., Deschenes, P.Q.	5	7	Chop Feed, (Barley).
~	3	~	43275 The Dowd Milling Co., Ltd., Pakenham.	5	7	Chop Feed, (Oats & Barley).
~	4	~	43276 The Dowd Milling Co., Ltd., Quyon, P.Q.	5	7	Chop Feed.....
~	16	~	43280 Wm. R. Cummings, Cummings Bridge.	3	Nil	(No. 1 all grain).
~	19	~	43281 J. W. Nesbitt & Co., 1095 Bank st., Ottawa.	5	10	Campbell & Manufacturers, McNab, Douglas Ont. Middlings.
~	18	~	43284 A. E. Cameron, Brockville.	5	6	Ogilvie Milling Co., Montreal. Bran.
~	3	~	43285 The Dowd Milling Co., Ltd., Pakenham.	5	7	Vendors. Shorts.

STOCK FEEDS.

Claim.		Results of Analysis.				No. of Sample.	Remarks and opinion of the Chief Analyst.		
Fat.	Proteids.	Fat		Microscopic Examination.					
Crude Fibre.	Indirect.	Direct.	Proteids.	Crude Fibre.					

J. A. RICKEY, INSPECTOR.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	
			4 14	14 06	12 1	Oat hulls, no seeds	43258	Genuine.
			4 60	14 31	8 6	As claimed, no seeds.	43259	"
			4 62	13 39	9 3	"	43260	"
			4 24	15 36	9 2	"	43261	"
6 02	18 38	7 99	5 14	17 69	5 8	"	43263	"
			5 12	15 66	6 6	"	43265	"
			4 30	13 78	10 3	"	43266	Pass.
			4 02	16 45	4 6	"	43268	Genuine.
			4 08	15 14	5 8	As claimed, no weed seeds.	43269	"
			3 90	12 29	6 2	"	43270	Low in proteids. Adulterated under the Act.
			2 08	12 51	0 8	Much starch, no weed seeds.	43271	Low in fat. & proteids. Should be sold as feed flour.
			2 32	12 20	4 2	As claimed, no weed seeds.	43274	Genuine.
			2 74	9 36	8 8	As claimed, no seeds; oat hulls.	43275	"
			4 18	13 43	5 9	As claimed, no seeds.	43276	"
			3 56	10 15	8 6	"	43277	"
			2 32	13 26	1 3	Floury, no seeds....	43281	Low in fat. and proteids. Should be sold as feed flour.
			4 00	14 31	8 1	As claimed, no seeds.	43284	Genuine.
			5 06	15 53	6 3	"	43285	"

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)					
					Quantity.	Manufacturer. Furnisher.						
DISTRICT OF OTTAWA—												
1911.												
May 4	Stock Feeds.	43286	The Dowd Milling Co., Ltd., Quyon, P.Q.	7 Vendors	5 lbs.	Shorts.						
" 9	"	43288	The Woods Mills Co., Smith Falls.	Nil	"	Chop Feed (Oats & Corn).						
" 12	"	43293	J. W. McKay, 347 Wellington St., Ottawa.	12	The Quaker Manufacturers, Oats Co., Peterboro, Ont.	Chop Feed, "Bannister" Brand, analysis on bags, Reg. No. 16, Protein 8.50, Fat, 3.50, Fibre 9.00.						
" 12	"	43294	"	5	13	Chop Feed, "Schumacher" Brand Reg. No. 13 analysis on bags, Protein 10.50, Fat, 4.00 Fib. 10.50.						
" 4	"	43295	The Dowd Milling Co., Quyon, P.Q.	Nil	Vendors.	Oat Feed.						

DISTRICT OF KINGSTON—							
April 27	Stocks Feeds.	48501	J. A. McFarlane, 5 lbs. Kingston.	5	Canada Cereal Co., Toronto	Bran.	
" 27	"	48502	W. P. Peters, 5 lbs. Kingston.	10	Lake of the Woods Milling Co.	"	
" 27	"	48503	D. Hutchison, 5 lbs. Kingston.	10	Ogilvie Milling Co.	"	
May 1	"	48504	A. H. Lake, 5 lbs. Picton, Ont.	5	Vendor.	"	
" 1	"	48505	Hyatt & Rolston, 5 lbs. Picton, Ont.	5	Vendors	"	
April 27	"	48506	Hedley Shaw, 5 lbs. Kingston.	10	Vendor	Shorts.	
" 27	"	48507	W. P. Peters, 5 lbs. Kingston.	5	Quaker Oats Co., Peterboro.	"	
" 27	"	48508	J. A. McFarlane, 5 lbs. Kingston.	10	Canada Cereal Co., Toronto.	"	
" 27	"	48509	D. Hutchison, 5 lbs. Kingston.	10	Seaforth Milling Co.	"	
" 28	"	48510	G. C. Gibson, 5 lbs. Kingston.	10	Hedley Shaw Milling Co.	"	
" 27	"	48511	Kingston Milling 5 lbs. Co., Kingston.	10	Vendors	Middlings.	
" 28	"	48512	G. C. Gibson, 5 lbs. Kingston.	10	Leitch Bros. Winnipeg.	"	
May 2	"	48513	H. E. Mayhew, 5 lbs. (Trent Valley Mills) Trenton.	5	Vendor.	"	
" 2	"	48514	E. A. Duncan, 5 lbs. Cobourg.	20	Lake of the Woods.	"	

STOCK FEEDS.

Claim.			Results of Analysis.					Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.		Crude Fibre.			
Indirect.	Direct.									
J. A. RICKEY, INSPECTOR—Concluded.										
p.e.	p.e.	p.e.	p.e.	p.e.	p.e.	p.e.	p.e.			
.....	.....	.....	4.16	.....	15.40	7.8	As claimed, no seeds.	43286	Genuine,	
.....	.....	.....	8.74	.....	10.24	7.4	.....	43288	“	
3.50	8.50	9.00	2.28	.....	9.77	6.2	.....	43293	“	
4.00	10.50	10.50	2.32	.....	9.06	9.2	.....	43294	“	
.....	.....	.....	3.33	10.84	18.6	.....	.....	43295	Excess hulls. Adulterated.	

JAS. HOGAN, INSPECTOR.

.....	.....	.....	3.68	14.10	9.8	As claimed, no seeds.	48501	Genuine.	
.....	.....	.....	4.10	.....	15.62	9.6	“	48502	“
.....	.....	.....	4.34	.....	15.75	7.8	“	48503	“
.....	.....	.....	4.64	.....	15.71	7.1	“	48504	“
.....	.....	.....	4.16	.....	15.92	8.5	“	48505	“
.....	.....	.....	5.24	.....	16.32	6.9	As claimed, no weed seeds.	48506	“
.....	.....	.....	4.31	.....	14.52	7.0	“	48507	“
.....	.....	.....	4.02	15.35	6.5	“	48508	“	
.....	.....	.....	4.02	15.40	7.4	“	48509	“	
.....	.....	.....	5.32	.....	16.27	8.0	Bran tissues, no weed seeds.	48510	“
.....	.....	.....	3.76	.....	14.48	2.7	“	48511	“
.....	.....	.....	4.64	.....	14.61	1.5	Floury, no weed seeds.	48512	“
.....	.....	.....	5.06	.....	15.01	6.4	“	48513	“
.....	.....	.....	3.24	14.83	5.2	As claimed, no weed seeds.	48514	“	

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)					
					Quantity.	Cents.						
DISTRICT OF KINGSTON												
1911.												
May 2	Stock Feeds.	48515	Thompson & Macdonald, Cobourg.	5	Ogilvie's, Montreal.	.....	Middlings				
April 27		48516	Kingston Milling Co., Kingston.	10	Vendors	.....	Chop Feed				
" 27		48517	W. P. Peters, 5, Kingston.	10	Quaker Oats Co., Peterboro.	.....	.....			
" 27		48518	D. Hutchison, 5, Kingston.	10	Vendor	.....	.....			
" 28		48519	Geo. Gibson, 5, Kingston.	10	Quaker Oats Co., Peterboro.	.....	.....			
May 1		48520	A. H. Lake, Picton, Ont.	5	Vendor	.....	.....			

DISTRICT OF TORONTO

May 12	Stock Feed.	47323	O. E. Wilson, 5 lbs., Dunnville.	5	Vendor	.....	Chop Feed (Mixed Grains.)
" 12		47324	S. Haney & Son, 5, Dunnville.	5	Vendors	.....	Chop Feed
" 15		47325	Chisholm Milling Co., Ltd., Toronto.	5	.....	.....	(Monarch Brand, Reg. No. 85.)
" 16		47326	Joseph White, 5, 682 Queen St., East, Toronto.	5	Vendor	.....	Chop Feed (Sample from a bin in feed store with Bran and Oat Shorts mixed together and sold as mixed feed. Not Reg.)
" 16		47327	The C. J. Daniels 5, Milling Co., Ltd., Toronto.	10	.....	.....	McGowan Chop Feed.
" 9		47328	The Maple Leaf 5, Milling Co., Ltd., Thorold.	6	Vendors	.....	Milling Co., (Barley and oats. No Durham. Reg. No. on bags.) Bran
" 13		47329	Wood Milling 5, Co., Hamilton.	5	.....	.....	.....
" 13		47330	Jos. Dunlap Co., 5, Ltd., Hamilton	7	Maple Leaf Milling Co., Kenora.	.....	.....
" 15		47331	Western Canada 5, Flour Mills Co., Ltd., Toronto.	5	Vendors	.....	..... (Registration No. 66)
" 16		47332	The Campbell 5, Milling Co., Ltd., West Toronto.	Nil	.....	.....	Bran
" 9		47333	The Maple Leaf 5, Milling Co., Ltd., St. Catharines.	10	.....	.....	Shorts

STOCK FEEDS.

Claim.			Results of Analysis.						No. of Sample.	Remarks and opinion of the Chief Analyst.		
Fat.	Proteids.	Crude Fibre.	Fat.			Proteids.	Crude Fibre.	Microscopic Examination.				
			Indirect.	Direct.	Indirect.							

JAS. HOGAN, INSPECTOR—Concluded.

p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.				
			4.28	....	16.89	6.2	As claimed, no weed seeds.	48515	Genuine.	
			3.92	....	9.27	8.8	"	48516	"	
			2.56	....	10.06	10.3	Oats hulls, no weed seeds.	48517	"	
			2.66	....	9.36	11.4	As claimed, no weed seeds.	48518	"	
			2.36	....	9.20	6.0	"	48519	"	
			3.26	....	10.06	10.3	As claimed, no seeds.	48520	"	

H. J. DAGER, INSPECTOR.

			2.30	....	10.81	3.9	As claimed, no weed seeds.	47323	Genuine.	
			2.04	....	17.19	7.1	"	47324	"	
3.00	7.00	25.00	2.40	....	6.00	20.6	Excess hulls, no weed seeds.	47325	Low in proteids, high fibre, but nearly meets claim; Pass.	
			5.40	....	15.57	4.6	As claimed, no weed seeds.	47326	Genuine.	
2.08	6.90	23.78	1.62	7.70	14.1	Hulls in excess. No weed seeds.	47327	Meets guarantee. Pass.		
Reg 87										
			4.82	....	15.66	7.6	As claimed. No weed seeds.	47328	Genuine.	
			3.40	....	13.82	8.4	"	47329	"	
			4.48	....	14.35	9.2	"	47330	"	
5.50	16.82	10.86	3.72	....	15.76	9.6	"	47331	Genuine as bran; but below claim in fat. Pass.	
			3.86	....	14.52	9.7	"	47332	Genuine.	
			5.25	17.63	6.2	"	"	47333	"	

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cost.	Manufacturer	Furnisher.	

DISTRICT OF TORONTO--

1911.

May 13	Stocks Feds.	47334	Hamilton Mill, 5 lbs., ing Co., Hamil- ton.	6	Vendors	Shorts	
" 13		47335	Kerr Milling Co., 5 Ltd., Dundas.	5	"	"	
" 13		47336	Lake of the Woods Milling Co., Ltd., To- ronto.	5	"	"	
" 16		47337	The Chalmers 5 Milling Co., East Toronto.	7	"	"	
" 9		47338	J. Black & Son, 5 St. Catharines.	10	"	Middlings	
" 9		47339	Wm. Monroe, 5 Thorold.	10	Vendor.	"	
" 11		47340	Riverside Mills, 5 Welland.	10	Vendors	"	
" 15		47341	The Alex. Brown 5 Milling Co., Ltd., Toronto.	5	"	"	
" 19		47342	Wm. Coburn, 5 323 Queen St., East Toronto.	7	"	Lake of the Woods Mill (Bags are branded Co., Shorts, but sold as Ltd. Middlings.)	

DISTRICT OF LONDON—

May 16	Stock Feds.	48057	Jno. A. Andrew, 5 lbs., Stratford.	10	McLeod Mill- ing Co., Stratford.	Shorts	
" 16		48058	" 5 "	10	"	Bran.	
" 16		48059	" 5 "	10	Unknown.	Chop Feed.	
" 16		48060	O. H. Keller, 5 Stratford.	8	McLeod Mill- ing Co., Stratford.	Shorts	
" 16		48061	" 5 "	8	"	Bran.	
" 16		48062	" 3 pkgs	9	Quaker Oats Co., Peter- boro.	(Chop Feed (Schuma- cher).	
" 16		48065	J. Kennedy, Ber. 3 lin.	8	Irvine Master City Mills, Berlin.	Shorts	
" 16		48066	" 3 "	8	"	Bran.	
" 17		48067	J. Westeloh, Wat- erloo, Ont.	10	Wm. Snyder, Waterloo, Ont.	Shorts	
" 17		48068	" 3 "	10	"	Chop Feed	
" 17		48069	I. Holman, Ber. 3 lin.	8	Unknown.	Shorts	
" 17		48070	" 3 "	8	Vendor.	Bran.	
" 17		48071	" 3 "	8	"	Chop Feed	
" 17		48072	Struthers and 3 Church, Galt, Ont.	10	Vendor.	"	

STOCK FEEDS.

Claim.			Results of Analysis.					Microscopic Examination.	Remarks and opinion of the Chief Analyst.		
Fat.	Proteids		Fat.		Proteids.	Crude Fibre.					
	Indirect	Crude Fibre.	Indirect	Direct.							

H. J. DAGER, INSPECTOR - Concluded.

p.e.	p.e.	p.e.	p.e.	p.e.	p.e.	p.e.			
			3.86	15.01	4.7	As claimed, no weed seeds.	47334	Genuine.	
			4.97	15.18	7.8	"	47335	"	
			5.20	16.76	5.6	"	47336	"	
			5.50	16.40	4.9	"	47337	"	
			5.44	15.35	5.3	"	47338	"	
			4.26	15.22	4.4	"	47339	"	
			5.11	16.27	6.5	"	47340	"	
			4.96	14.40	6.6	"	47341	"	
			4.60	17.02	5.2	"	47342	"	

JNO. TALBOT, ACTING INSPECTOR.

			4.46	15.71	6.2	As claimed, no weed seeds.	48057	Genuine.
			4.19	13.82	9.4	As claimed, no seeds.	48058	"
			2.30	10.72	5.5	"	48059	"
			4.43	14.70	5.4	"	48060	"
4.10	50	40	4.25	15.44	8.8	"	48061	"
			2.90	10.63	9.4	"	48062	"
			4.10	15.71	4.3	As claimed, no weed seeds.	48065	"
			4.23	11.87	8.8	"	48066	"
			4.44	14.57	6.2	As claimed, no weed seeds, bran.	48067	"
			4.14	11.59	10.0	"	48068	"
			4.14	14.70	7.4	"	48069	"
			4.57	15.84	8.6	"	48070	"
			3.52	10.10	9.6	"	48071	"
			4.36	11.29	8.2	"	48072	"

BULLETIN No. 231—

Date of Collection	Nature of Sample	No. of Sample	Name and Address of Vendor	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor		Inspector's Report (Is not an expression of opinion.)
					Quantity	Cents	

DISTRICT OF WINDSOR—

1911.

May 11	Stock Feeds.	48035	Hueston & Son, 5 lbs., Glenoe.	10		Woodburn Milling Co., Glenoe.	Shorts . . .
12	"	48037	Geo. Kirk, Woodstock, Ont.	5	Ogilvie Milling Co., Winnipeg.		
12	"	48038	" . . . 5 "	5			
12	"	48039	" . . . 5 "	5			
						Grain sent to mill by the vendor and chopped to his order.	
12	"	48040	A. Patrick, 5 lbs., Woodstock, Ont.	9	Unknown . . .		Shorts . . .
12	"	48041	" . . . 5 "	9	" . . .	Unknown . . .	Bran. . . .
12	"	48042	" . . . 5 "	9	" . . .	" . . .	Chop Feed . . .
12	"	48043	" . . . 5 "	9	Bartlett Co., Jackson, Michigan.	" . . .	Cotton Seed Meal, "Michigan Farmer's Brand", Reg. No. 97.
10	"	48044	Geo. H. Murray, 5 lbs., Woodstock, Ont.	5	Ogilvie Milling Co., Winnipeg.		Bran . . .
12	"	48045	" . . . 5 "	5	Jas. Cullen, Woodstock, Ont.		Shorts . . .
12	"	48046	" . . . 5 "	5	M. Archibald Co., Beachville, Ont.		Chop Feed . . .
13	"	48048	B. L. Scott, Ingersoll.	5	Tavistock Milling Co., Tavistock.		Shorts . . .
13	"	48050	" . . . 5 "	5	Western Canada Milling Co.		Bran . . .
13	"	48051	" . . . 5 "	5	Vendor . . .		Chop Feed . . .

DISTRICT OF MANITOBA—

May 14		47401	Western Canada 5 lbs., Nil. Flour Mills Co., St. Boniface.	Vendor . . .			Bran . . .
5	"	47402	The Ogilvie 5 lbs., Flour Mills Co., Ltd., Winnipeg.				
17	"	47403	Lake of the Woods Milling Co., Portage la Prairie.				
17	"	47404	Maple Leaf 6 lbs., Flour Mills Co., Brandon.				

STOCK FEEDS.

Claim			Results of Analysis.						Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.			
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.								
Indirect.	Direct.	Indirect.	Direct.											
J. NO. TALBOT, INSPECTOR.														
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.							
....	....	....	....	4.22	14.04	6.8	As claimed, no seeds	48035	Genuine.		
				4.39	15.40	7.0	As claimed, no weed seeds.	48037						
				4.27	15.14	8.2	"	48038						
				3.36	12.03	10.1	"	48039						
				3.73	15.12	6.8	As claimed, no weed seeds, bran tissues.	48040						
				4.51	16.82	8.5	"	48041						
				3.22	7.78	10.3	Oathulls, no weed seeds.	48042	Proteids low pass.					
7	38	13	7.84	39.77	6.2	As claimed, no weed seeds.	48043	Genuine.						
				4.13	13.65	8.1	As described, no seeds	48044						
				3.61	15.10	6.9	As described, no weed seed.	48045						
				4.48	11.55	7.6	"	48046						
				4.16	14.00	7.0	As claimed, no weed seeds.	48048						
				4.63	15.88	7.8	"	48050						
				3.18	10.25	1.6	Corn chop, no seeds...	48051						

A. C. LARIVIÈRE, INSPECTOR.

....	....	4.39	....	14.31	9.5	As claimed, no seeds...	47401	Genuine
		4.53	....	11.48	10.5	"	47402	
		4.57	....	14.87	9.9	"	47403	
		4.49	....	15.88	9.0	"	47404	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher, as given by the Vendor.		Inspector's Report (Is not an expression of opinion).
					Quantity.	Manufacturer. Furnisher.	

DISTRICT OF MANITOBA—

1911.							
May 18	Stocks Feeds.	47406	The Western Canada Flour Mills, Co., Ltd., Brandon.	6 lbs. Nil. Vendor.		Bran	
1		47406	The West'n Canada Flour Mills, Co., Ltd., St. Boniface.	5		Shorts	
5		47407	The Ogilvie's Flour Mills Co., Ltd., Winnipeg.	5			
17		47408	Lake of the Woods Milling Co., Portage la Prairie.	6			
17		47409	Maple Flour Mills Co., Co., Brandon.	6			
18		47410	The West'n Canada Flour Mills Co., Ltd., Brandon.	6			
1		47411	The West'n Canada Flour Mills Co., Ltd., St. Boniface.	5		Middling	
5		47412	The Ogilvie's Flour Mills Co., Ltd., Winnipeg.	5			
18		47413	The West'n Canada Flour Mills Co., Ltd., Brandon.	6			
19		47414	Laing Bros., Win. Winnipeg.	6	Dunkerton So. Manufac- turing Co., Ver- gin, Sask.		
19		47415	Carnefac Stock Food Co., Win- nipeg.	6	The Western Canada Flour Mills Co., St. Boniface.		
4		47416	Western Canada Flour Mills Co., Ltd., St. Boniface.	5	Vendors	Chop Feed	
5		47417	The Ogilvie's Flour Mills Co., Winnipeg.	5			

STOCK FEEDS.

11

Claim.			Results of Analysis.						No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.	Microscopic Examination.			
			Indirect.	Direct.						

A. C. LARIVIERE, INSPECTOR—Concluded.

p.e.	p.e.	p.e.	p.e.	p.e.	p.e.	p.e.				
			4.73		17.63	7.7	As claimed, no seeds.	47406	Genuine.	
			5.76		16.59	6.2	As claimed, no weed seeds.	47406	"	
			5.14		16.67	6.4	"	47407	"	
			5.30		17.15	5.5	"	47408	"	
			5.74		16.32	6.0	"	47409	"	
			4.58		16.10	6.4	"	47410	"	
			3.98		15.18	3.3	"	47411	"	
			4.44		14.48	6.6	"	47412	"	
			2.66	15.11	1.9	Chiefly flour, no weed seeds.	47413	Low in fat. Should be sold as feed flour.		
			3.16	13.60	1.8	"	47414	Low in proteids. Should be sold as feed flour.		
			4.28		14.52	4.9	As claimed, no weed seed.	47415	Genuine.	
			3.58		14.35	5.2	"	47416	"	
			4.48		14.48	3.7	"	47417	"	

Date of Collection	Nature of Sample	No. of Sample	Name and Address of Vendor	Cost	Name and Address of Manufacturer or Furnisher as given by the Vendor		Inspector's Report (Is not an expression of opinion.)
					Quantity	Manufacturer or Furnisher	

DISTRICT OF CALGARY -

1911.

May 18	Stock Feeds.	43849	J. E. Love, Cal-5 gary.	20	Saskatchewan Flour Mills Co., Ltd., Moosejaw.	Bran	
— 18	—	43850	Erb & Anderson, 5 Calgary.	20			
— 19	—	43851	T. Fletcher, Cal-5 gary.	20	Western Can- ada Flour Mills, Win- nipeg.		
— 19	—	43852	Western Milling 5 Co., Ltd., Cal- gary.	20	Vendors		
— 19	—	43853	J. H. Maguire, 5 Calgary.	20	Western Mil- ling Co., Ltd., Calgary.		
— 18	—	43854	Erb & Anderson, 5 Calgary.	20	Medicine Hat Milling Co., Medicine Hat.	shorts	
— 19	—	43855	T. Fletcher, Cal-5 gary.	20	Western Can- ada Flour Mills Co., Winnipeg.		
— 19	—	43856	Western Milling 5 Co., Ltd., Cal- gary.	20	Vendors		
— 20	—	43857	Crown Feed and 5 Produce Co., Calgary.	20	Redcliff Mill & Elevator Co., Redcliff.		
— 20	—	43858	— 5 —	20			
— 18	—	43859	J. E. Love, Cal-5 gary.	20	Brackman-Ker Milling Co., Ltd., Calgary	Chop Feed.	
— 18	—	43860	Erb & Anderson 5 Calgary.	20	Calgary Mil- ling Co., Ltd., Calgary.		
— 19	—	43862	Western Milling 5 Co., Ltd., Cal- gary.	20	Vendors		
— 20	—	43863	Crown Feed and 5 Produce Co., Calgary.	20			
— 18	—	43864	J. E. Love, Cal-5 gary.	20	Saskatchewa- n Flour Mills Co., Ltd., Moosejaw.	Middling.	
— 19	—	43865	T. Fletcher, Cal-5 gary.	20			
— 23	—	43866	Calgary Milling 5 Co., Ltd., Cal- gary.	20	Vendors		

STOCK FEED.

No.	Claimed	Results of Analysis.						Remarks and opinion of the Chief Analyst.	
		Fat	Proteids.	Crude Fibre.	Fat.		Microscopic Examination.	No. of Sample	
					Indirect	Direct			
43849	R. W. FLETCHER, INSPECTOR.	17.76	16.36	11.0	As described, no weeds.	11.0	As described, no weeds.	43849	Genuine.
43850		15.54	16.19	6.8	"	no seeds.	43850	"	
43851		4.40	15.66	8.2	"	"	43851	"	
43852		4.56	14.83	7.9	"	"	43852	"	
43853		4.32	13.96	8.0	"	"	43853	"	
43854		4.12	16.63	4.4	As claimed, no weed seeds.	4.4	43854	"	
43855		4.78	17.06	6.5	"	"	43855	"	
43856		3.89	14.57	5.3	"	"	43856	"	
43857		5.22	17.19	4.9	"	"	43857	"	
43858		5.08	17.91	5.6	"	"	43858	"	
43859		4.27	5.60	28.0	Excess hulls, no weed seeds.	4.27	43859	Low in fat and in proteids. High in fibre. Adulterated.	
43860		3.48	10.68	10.3	As claimed, no weeds.	10.3	43860	Genuine.	
43862		3.60	10.89	8.0	"	"	43862	"	
43863		3.50	9.92	9.3	"	oat hulls, no weeds.	43863	"	
43864		4.56	17.59	4.8	As claimed, no weed seeds.	4.8	43864	"	
43865		5.34	17.54	5.0	"	"	43865	"	
43866		3.40	15.20	1.8	"	"	43866	"	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher, as given by the Vendor.		Inspector's Report. (Is not an expression of opinion)
					Quantity.	Cents.	
DISTRICT OF CALGARY							
1911							
May 20	Stocks Feed.	43867	Calgary Milling Co. Ltd., Calgary.	5 lbs.	20	Saskatchewan Flour Mills Co., Ltd., Moosejaw.	Middling.....
" 23	"	43868	Lea & Duyer, 1209 Victoria Ave., Hillhurst, Calgary.	5 "	20	"	"
" 23	"	43869	Calgary Milling Co., Ltd., Calgary.	5 "	20	Vendor.	Chop Feed.....
DISTRICT OF NELSON							
May 18	Stock Feed.	48410	Taylor Milling & E. Co., Nelson, B.C.	5 lbs	10	Maple Leaf Milling Co., Kenora.	Bran.....
" 3	"	48411	"	5 "	10	Western Canada Milling Co., Winnipeg.	Shorts.....
" 3	"	48412	"	15 "	10	Saskatchewan Milling Co., Moose Jaw.	Middlings.....
" 3	"	48413	"	5 "	10	Taylor Milling Co., Lethbridge.	Chop Feed Mixed.....
" 3	"	48414	Brackman-Ker M. Co., Nelson, B.C.	5 "	9	Saskatchewan F. M. Co., Moose Jaw.	Middlings.....
" 3	"	48415	"	5 "	9	Calgary M. Co., Calgary.	"
" 3	"	48416	"	5 "	9	"	Shorts.....
" 3	"	48417	"	5 "	9	"	Bran.....
" 3	"	48418	"	5 "	9	Lake of the Woods Milling Co., Portage La Prairie.	"
" 15	"	48421	Taylor Milling & E. Co., Cranbrook.	5 "	15	Taylor Milling & E. Co., Lethbridge.	"
" 15	"	48422	"	5 "	15	"	Shorts.....
" 15	"	48423	"	5 "	15	"	Chop Feed.....
" 15	"	48424	Cranbrook Trading Co., Cranbrook.	5 "	10	Saskatchewan F. M. Co., Moose Jaw.	Mixed.....
" 15	"	48425	"	5 "	10	"	Bran.....
" 15	"	48426	"	5 "	10	Alberta Pacific E. Co., Calgary.	Shorts.....
							Chop Feed Mixed.....

STOCK FEEDS.

Claim.		Results of Analysis.				No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Indirect.	Fat	Proteids	Crude Fibre.	
Indirect.	Direct.						Microscopic Examination.

R. W. FLETCHER, INSPECTOR—Concluded.

p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	
			3.96	17.46	5.8	As claimed, no weed seeds.	43867 Genuine.
			4.00	17.81	5.8	"	43868 "
			3.74	11.55	7.6	"	43869 "

THOS. PARKER, INSPECTOR.

4.28	14.61	9.4	As claimed, no weed seeds.	48410	Genuine.
4.72	17.89	5.4	"	48411	"
4.70	18.02	5.5	"	48412	"
2.80	11.51	7.9	"	48413	"
6.06	17.76	5.1	As described, no weeds seeds.	48414	"
3.32	14.83	1.4	Chiefly flour, no weed seeds.	48415	"
5.46	16.45	5.9	As claimed, no weed seeds.	48416	"
4.01	14.57	9.1	"	48417	"
4.42	14.92	8.8	Weed seeds.	48418	Adulterated with weed seeds, 160 seeds per lb.
3.74	16.80	9.1	As claimed, no seeds.	48421	Genuine.
4.60	16.67	4.6	"	48422	"
3.64	16.59	9.3	No weeds, oat hulls.	48423	"
3.28	14.96	8.1	As claimed, no seeds.	48424	"
4.42	15.15	4.4	"	48425	"
2.92	7.05	21.6	Oat-hulls in excess.	48426	Proteids too low. Fibre too high adulterated.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
					Quantity.	Gents.	

DISTRICT OF VANCOUVER--

1911.

May 15	Stock Feed.	38175	Henry Holtz, 5 lbs., Granville St., Vancouver.	10	Vancouver M. Co.	Bran.
" 16	"	38176	Brackman-Ker 5 lbs., Milling Co., Vancouver.	Nil.	Ogilvie Milling Co.	"
" 22	"	38177	Calgary Milling Co., Vancouver.		Vendors	"
" 22	"	38178	Vancouver Milling Co., Vancouver.	5	"	"
" 22	"	38179	McLellan Mc Carter, Vancouver.	5	Vancouver M. Co.	"
" 15	"	38180	Henry Holtz, 5 lbs., Vancouver.	10	"	Shorts.
" 16	"	38181	Brackman-Ker 5 lbs., Milling Co., Vancouver.	Nil.	Ogilvie Milling Co.	"
" 22	"	38182	Calgary Milling Co., Vancouver.	5	Vendors	Shorts.
" 22	"	38183	Vancouver Milling Co., Vancouver.	5	Tacoma Grain Co., Tacoma, Wash.	"
" 22	"	38184	McLellan & Mc Carter, Vancouver.	5	Vancouver Milling Co.	"
" 16	"	38185	Brackman-Ker 5 lbs., Milling Co., Vancouver.	Nil.	Ogilvie Milling Co.	Middlings.
" 22	"	38186	Calgary Milling Co., Vancouver.	5	Vendors	"
" 22	"	38187	Vancouver Milling Co., Vancouver.	5	"	"
" 22	"	38188	McLellan & Mc Carter, Vancouver.	5	Vancouver Milling Co.	"
" 23	"	38189	W. H. Walsh, 5 lbs., Vancouver.	15	Brackman-Ker Milling Co.	"
" 15	"	38190	Henry Holtz & Co., Vancouver.	5	Unknown	Unknown. Chop Feed.
" 16	"	38191	Brackman-Ker 5 lbs., Milling Co., Vancouver.	Nil.	Vendors	"
" 22	"	38192	Calgary Milling Co., Vancouver.	5	"	"
" 22	"	38193	Vancouver Milling Co., Vancouver.	5	"	"
" 22	"	38194	McLellan & Mc Carter, Vancouver.	5	10	Vancouver Milling Co., Vancouver.

STOCK FEEDS.

Fat.	Claim.		Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.			
			Fat.		Proteids.	Crude Fibre.						
	Indirect.	Direct.	Indirect.	Direct.								

J. F. POWER, INSPECTOR.

	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
	.....	.....	.....	3.15	15.14	10.2	As claimed, no seeds.	38175	Genuine.
	.....	.....	.....	4.49	14.31	10.5	"	38176	"
	.....	.....	.....	3.82	13.47	9.4	"	38177	"
	.....	.....	.....	4.43	15.40	8.7	"	38178	"
	.....	.....	.....	2.47	17.63	9.3	"	38179	"
	.....	.....	.....	3.86	16.54	6.9	As described, no weed seeds.	38180	"
	.....	.....	.....	4.00	17.46	6.8	"	38181	"
	.....	.....	.....	4.76	15.97	4.8	As claimed, no weed seeds.	38182	Genuine.
	.....	.....	.....	5.56	15.14	6.2	"	38183	"
	.....	.....	.....	5.44	17.32	7.8	"	38184	"
	.....	.....	.....	1.99	11.42	0.9	Chiefly flour, no weed seeds.	38185	Low in fat and in proteids. Should be sold as feed flour.
	.....	.....	.....	3.08	15.79	1.8	Much starch, no weed seeds.	38186	Genuine.
	.....	.....	.....	4.92	16.32	5.0	As claimed, no weed seeds.	38187	"
	.....	.....	.....	2.82	14.13	2.6	Chiefly flour, no weed seeds.	38188	"
	.....	.....	.....	1.81	12.03	0.5	"	38189	Low in fat and in proteids. Should be sold as feed flour.
	.....	.....	.....	4.96	10.98	8.2	As claimed, no weed seeds.	38190	Genuine.
	.....	.....	.....	2.68	10.06	10.5	"	38191	"
	.....	.....	.....	3.10	11.59	6.3	"	38192	"
	.....	.....	.....	2.24	11.38	11.3	Excess hulls, no weed seeds.	38193	"
	.....	.....	.....	3.92	11.90	7.8	As claimed, no weed seeds.	38194	"

BULLETIN No. 231—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher, as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
					Quantity.	Cents.	

DISTRICT OF VICTORIA—

1911.							
June 9	Stock Feeds.	47610	The Brackman K. & R. Milling Co., Ltd., Victoria, B.C.	5 lbs.	10	Ogilvie, F. M. Winnipeg.	Bran.
“ 9	“	47611	“	5 “	10	Saskatchewan F. Mills Co., Ltd., Moose Jaw.	Middlings.
“ 9	“	47612	“	5 “	10	The Columbia F. Mills Co., Ltd., Enderby, B.C.	“
“ 9	“	47613	“	5 “	10	Saskatchewan F. Mills Co., Ltd., Moose Jaw.	Shorts. (“Robin Hood” Brand)
“ 9	“	47714	“	5 “	10	The Columbia F. Mills Co., Ltd., Enderby, B.C.	“
“ 9	“	47615	“	5 “	5	Vendors	Chop Feed. (Dairy).
“ 9	“	47616	“	5 “	10	“	Chop Feed. (Corn).
“ 12	“	47617	Scott & Peden, Victoria, B.C.	5 “	7½	Ogilvie F. Mills, Winnipeg.	Chop Feed. (Dairy).
“ 12	“	47618	“	5 “	7½	Vancouver Milling & Grain Co., Vancouver.	Middlings.
“ 12	“	47619	Scott & Peden, Victoria, B.C.	5 “	7½	Ogilvie Flour Mills, Winnipeg.	Bran.
“ 12	“	47620	“	5 “	7½	Western Canada F. Mills Co., Ltd.	Shorts. (Reg. No. 63.)
“ 14	“	47621	T. W. Horne, Victoria, B.C.	5 “	7½	Prince Albert Roller Mills, P. Alb., Sask.	Middlings.
“ 14	“	47622	“	5 “	7½	Vancouver Milling and Grain Co., Ltd.	Shorts.
“ 14	“	47623	“	5 “	7½	Lake of the Woods, Portage la Prairie	Bran.
“ 14	“	47624	“	5 “	7½	Vendor	Chop Feed. (Alfalfa Dairy.)
“ 19	“	47625	Sylvester Feed Co., Victoria, B.C.	5 “	10	Vendors	Chop Feed. (Creamery.)
“ 19	“	47626	“	5 “	7½	Ogilvie Flour Mills, Winnipeg.	Bran.
“ 19	“	47627	“	5 “	7½	The Novelty Milling Co., Seattle, Wash.	Shorts.
“ 26	“	47630	Simon Leiser & Co., Ltd., Victoria, B.C.	5 “	Nil.	Western Canada F. Mills Co., Ltd.	Bran. (Reg. No. 66.)

STOCK FEEDS.

Claim.			Results of Analysis.				Microscopic Examination.	No. of Sample.	Remarks and opinion of the Chief Analyst.
Fat.	Proteids.	Crude Fibre.	Fat.		Proteids.	Crude Fibre.			
			Indirect	Direct.					

D. O'SULLIVAN, INSPECTOR.

p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.			
			4.06		14.48	10.5	As claimed, no weed seeds.	47610	Genuine.
				2.37	14.61	1.1	Excess starch, no weeds	47611	Low in fat. Should be sold as feed flour.
				2.60	15.11	2.8	"	47612	Low in fat. Pass.
			4.72		18.11	5.4	As claimed, no weed seeds.	47613	Genuine.
			4.24		15.31	5.5	"	47614	"
			2.56		7.52	18.8	Excess oat hulls, no seeds.	47615	Low in proteids, high in fibre. Adulterated.
			2.56		9.4	9.4	As claimed, no seeds.	47616	Genuine.
			1.59		4.51	27.0	Excess hulls, no seeds.	47617	Low in fat and proteids, high in fibre. Adulterated
			1.98		13.04	0.8	Chiefly flour, no seeds.	47618	Low in fat and proteids. Should be sold as feed flour.
			4.08		16.45	9.9	As claimed, no weed seeds.	47619	Genuine.
6.02	18.38	7.99	4.48		18.00	7.1	"	47620	"
				2.28	13.71	1.0	Chiefly flour.	47621	Low in fat and proteids; should be sold as feed flour.
				4.00	17.46	7.0	As claimed, no weed seeds.	47622	Genuine.
			3.52		14.04	10.3	"	47623	"
			3.60		10.19	10.6	Excess hulls, no weed seeds.	47624	"
			3.64		10.10	4.8	As claimed, no weed seeds.	47625	"
			4.12		14.57	11.3	"	47626	"
				3.44	18.46	6.8	"	47627	"
5.50	16.82	10.86	4.44		15.53	10.0	"	47630	Genuine.